

Application No.: 09/803702

Case No.: 55907US003

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$R_f$  is selected from the group consisting of perfluoroalkyl groups having 1 to 12 carbon atoms, and perfluoroheteroalkyl groups having 3 to about 50 carbon atoms;

Q is a divalent linking group;

$R^1$  is a divalent organic group which is the residue of a polyisocyanate;

$R^2$  is a divalent organic group which is a residue of the polyol, at least a portion of which is substituted one or more perfluoroalkyl groups, perfluoroheteroalkyl groups, perfluoroheteroalkylene groups, or mixtures thereof;

Z is  $R_fQ$ -, a water-solubilizing group or a polymerizable group.

12 8. (Once amended) The oligomers of claim 1 comprising compounds of the Formula:

$R_fQ(-CONH-R^1-NHCO-OR^2O-)_n(CONH-R^1-NHCO)_m-QR_f$

wherein:

n is a number from 1 to 10 inclusive;

m is 1;

$R_f$  is a perfluoroalkyl group having 1 to 12 carbon atoms, or a perfluoroheteroalkyl group having 3 to about 50 carbon atoms with all perfluorocarbon chains present having 1 to 6;

Q is  $-C_kH_{2k}-OC(O)NH-$  or  $-C_kH_{2k}-NRC(O)NH-$ , wherein  $R_1$  is H or lower alkyl, and k is an integer from 0 to about 20;

$R^1$  is a straight chain alkylene, of 1 to 14 carbon atoms;

$R^2$  is a polyvalent organic group which is a residue of the polyol, that is a straight or branched chain alkylene, cycloalkylene, arylene or heteroalkylene group of 1 to 14 carbon atoms; at least a portion of  $R^2$  groups are substituted with or contain one perfluoroalkyl group, perfluoroheteroalkyl group, perfluoroheteroalkylene group, or mixtures thereof.

13 10. (Once amended) The composition of claim 1 wherein the oligomer comprises the condensation reaction product of one or more fluorinated polyols, an excess amount (relative to the polyol) of one or more linear alkylene diisocyanates, and sufficient fluorinated monoalcohols to react with the terminal isocyanate groups